

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Satoshi MORIYA                      Art Unit:  
Application No.: filed concurrently              Examiner:  
Filed        : August 22, 2003  
Title        : RESISTIVE COMPOSITION, RESISTOR USING THE SAME,  
                 AND MAKING METHOD THEREOF

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to his duty of good faith and candor as set forth in 37 CFR 1.56(a), applicant requests that the enclosed references cited on attached form PTO-1449 be considered by the Examiner in connection with the search of the prior art required by 37 CFR 1.104.

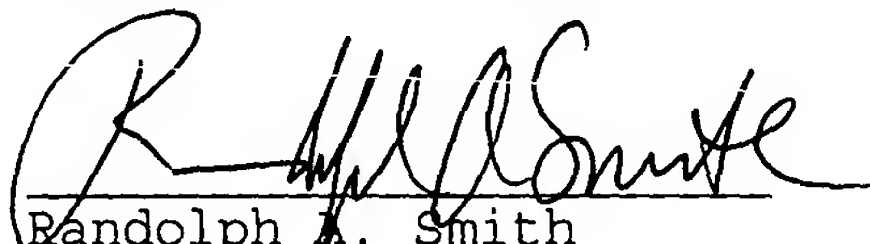
Please note that the three Japanese references discussed on page 1 of the specification are submitted herewith. The English language abstracts of these Japanese references are also enclosed.

This Statement is being filed under 37 CFR 1.97(b) prior to the mailing date of a first Office Action on the merits.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicant's undersigned attorney may be reached at the telephone number listed below.

Respectfully submitted,

  
Randolph A. Smith  
Reg. No. 32,548

Date: August 25, 2003

**SMITH PATENT OFFICE**  
1901 Pennsylvania Ave., N.W.  
Suite 200  
Washington, D.C. 20006-3433  
Telephone: 202/530-5900  
Facsimile: 202/530-5902  
Moriya082503

Substitute for form 1449A/PTO  <h2 style="text-align: center; margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; margin: 5px 0;"><i>(use as many sheets as necessary)</i></p>	<h3 style="text-align: center; margin: 0;">Complete if Known</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;">Filed concurrently</td> </tr> <tr> <td>Filing Date</td> <td>August 25, 2003</td> </tr> <tr> <td>Applicants</td> <td>Satoshi MORIYA</td> </tr> <tr> <td>Group Art Unit</td> <td></td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>0099/004001</td> </tr> </table>	Application Number	Filed concurrently	Filing Date	August 25, 2003	Applicants	Satoshi MORIYA	Group Art Unit		Examiner Name		Attorney Docket Number	0099/004001
Application Number	Filed concurrently												
Filing Date	August 25, 2003												
Applicants	Satoshi MORIYA												
Group Art Unit													
Examiner Name													
Attorney Docket Number	0099/004001												
Sheet      1      of      1													

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	Kind Code <sup>2</sup> (if known)	NAME	DATE MM-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. <sup>1</sup>	Foreign Patent Document			NAME	DATE MM-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		JP	8-83969	A	MURAKAMI	03/1996		Abstract
		JP	9-213503	A	HARA et al.	08/1997		Abstract
		JP	2002-50501	A	HAYASHI	02/2002		Abstract

EXAMINER

DATE CONSIDERED

\*Examiner: Initial if citation considered; whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number.    <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.    <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).    <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.    <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.    <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

Complete if Known

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	Filed concurrently
Filing Date	August 25, 2003
Applicants	Satoshi MORIYA
Group Art Unit	
Examiner Name	
Attorney Docket Number	0099/004001

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	Kind Code <sup>2</sup> (if known)	NAME	DATE MM-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. <sup>1</sup>	Foreign Patent Document			NAME	DATE MM-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		JP	8-83969	A	MURAKAMI	03/1996		Abstract
		JP	9-213503	A	HARA et al.	08/1997		Abstract
		JP	2002-50501	A	HAYASHI	02/2002		Abstract

EXAMINER

DATE CONSIDERED

\*Examiner: Initial if citation considered; whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.